

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED **10-11-90**

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-14654

INDIAN

DRILLING APPROVED:

11-5-90

(CAUSE NO. 102-16B)

(OKTA, MRSN : Cedar Utah PL only)

SPUDDED IN:

COMPLETED:

12-30-91

LA

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

LA'D PER BLM EFF 12-30-91

FIELD:

GREATER CICSO

UNIT:

COUNTY:

GRAND

WELL NO.

EXIT PARKER ETI 17-5

API NO. 43-019-31308

LOCATION

2324' FNL

FT. FROM (N) (S) LINE,

1403' FNL

FT. FROM (E) (W) LINE.

SE NW

1/4 - 1/4 SEC.

5

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

20S

23E

5

PARKER ENERGY TECH.

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT UT.-0229
Ins.Co.# 8630229

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PARKER ENERGY TECHNOLOGY INC. DIVISION OF
OIL, GAS & MINING

3. ADDRESS OF OPERATOR

1787 East Ft. Union Blvd. Suite # 108, Salt Lake City, Utah 84121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1403' FWL, 2324' FNL

SE 1/4 NW 1/4

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 Miles North of Cisco, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

1403'

16. NO. OF ACRES IN LEASE

489.26 acres

17. NO. OF ACRES ASSIGNED
TO THIS WELL

10 acres

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1500'

19. PROPOSED DEPTH

3350'

ENRD

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4881' GR

22. APPROX. DATE WORK WILL START*

Nov. 15, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24 #	160'	100 sxs. cement to surface
6 3/4"	4 1/2"	10.5 #	3350'	250 sxs.

The well will be drilled to test the Entrada formation.
All shows encountered, will be tested.

Pressure Control Equipment:

*Shaffer Double Ram and power accumulator, 5000 psi maximum, that will
be tested daily to 2000 psi.

* Series 900, hydraulic, type LWS; 6", 5000psi mop.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

President

DATE 10/10/90

(This space for Federal or State office use)

PERMIT NO.

43-019-31308

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

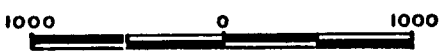
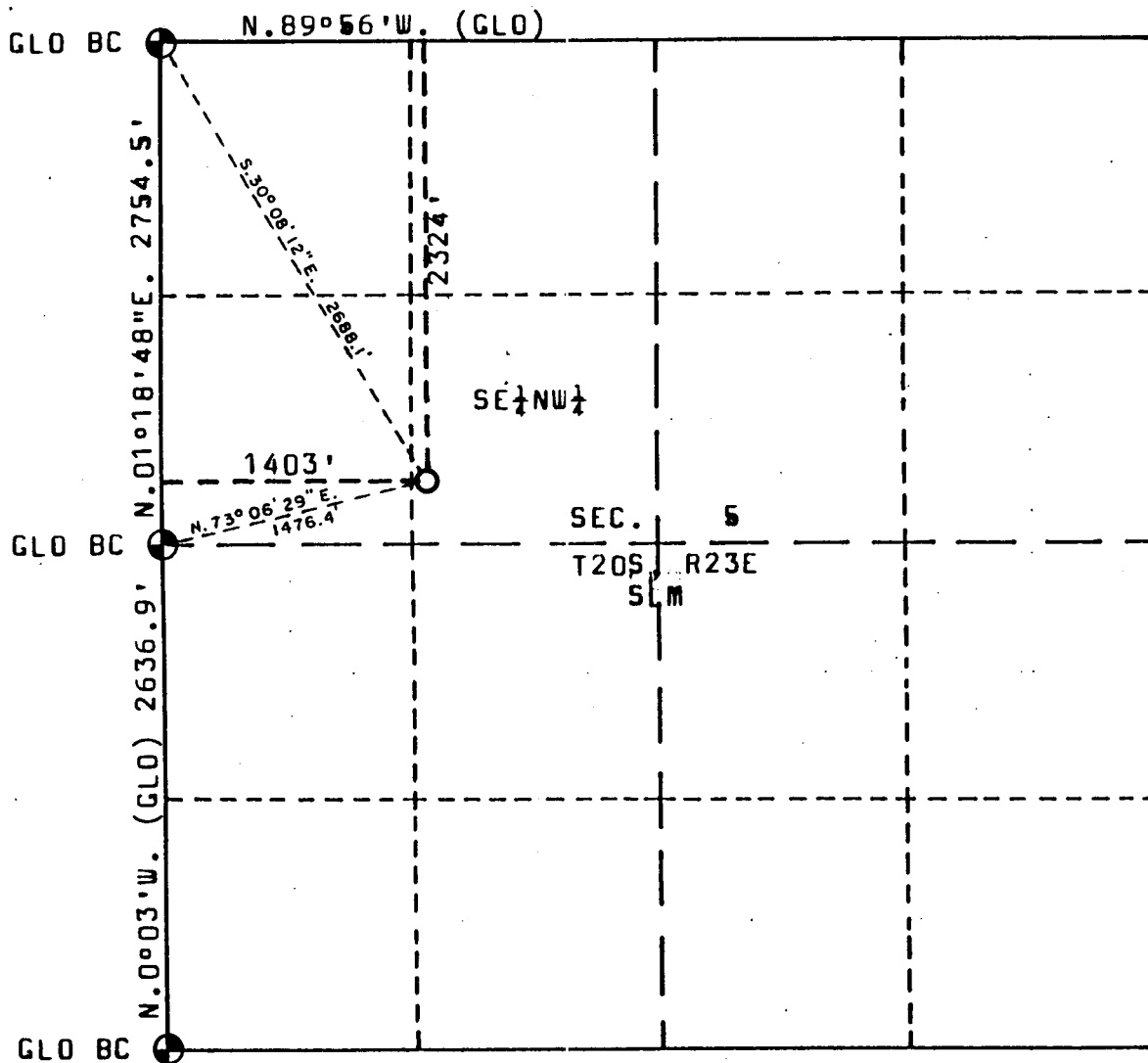
TITLE

DATE

BY

WELL SPACING: 100-16B 11-5-79

*See Instructions On Reverse Side



SCALE: 1" = 1000'

PARKER 17-5

Located 2324 feet from the North line and 1403 feet from the West line of Section 5, T20S, R23E, SLM.

Elev. 4881

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
Utah RLS No. 2573



UDELL S. WILLIAMS
Professional Land Surveyor
751 Rood Avenue (303) 243-4594
Grand Junction, Colorado 81501

PLAT OF
PROPOSED LOCATION
PARKER 17-5
SE 1/4 NW 1/4 SECTION 5
T20S, R23E, SLM

SURVEYED BY: USW DATE: 9/25/90
DRAWN BY: USW DATE: 9/27/90

BUREAU OF LAND MANAGEMENT
P.O. Box 970
Moab, Utah 84532

RE: Parker 17-5
Multipoints Reqmnts.

1. Existing Roads

- a. Proposed well site is staked.
- b. Route and distance from nearest town. Well site is located approximately 10 miles north of Cisco, Utah. Travel 10. miles northwest, off the East Cisco exit of I-70, on the Cottonwood Ranch road. At the first left (West) which is the Parker Section 5 access, proceed West approximately 4 miles to the old Starner 5-1 well access road, to the 5-1's dry hole marker. The new access road will start twenty feet from the dry wash to the east of the old location and proceed southeast within close proximity of this dry wash for 50' to 60'. The road will be ditched on the wash side to keep the natural water flow unimpeded and the road intact. The road will then follow to the southeast for approximately 900' to the new staked, wellpad/location.
- c. Access road is dotted in red. The existing roads are solid in blue.
- d. Does not apply.
- e. As Noted above in Item 1.b.
- f. Plans for improvement and/or maintenance of existing roads. The operator will maintain existing roads according to Class III standards. No improvements to existing roads are required.

2. Planned Access Road

- a. Width: 16' travel surface.
- b. Maximum grades: 1/2 to 3 degree. No waterbars are needed.
- c. Turn-out: No turn-outs are needed.
- d. Drainage design: small borrow pit on one side for drainage.
- e. Should production be established, the road will be upgraded if required to include ditch and crowning.

Multipoint Requirements

- f. No culverts are needed for this access. No low water crossing required in this immediate area.
- g. Surfacing material: None needed. The road will be lightly scraped on the surface.
- h. Necessary gates, cattleguards, or fence cuts: None needed.
- i. New or constructed roads. Operator will make use of existing roads in the area. See Item 1b. .

3. Location of Existing Wells

- a. See USGS topographic map (7.5 minute)
- b. See attached Cicso Springs map.
- c. See attached Cisco Springs map.
- d. No water, disposal, or injection wells are in a one-mile radius.

4. Location of Existing and/or Proposed Facilities

- a.
 - 1. Tank batteries. If oil production is established, new tank batteries will be installed in the northeast corner of the proposed location and will be 125 feet from the wellhead.
 - 2. Production facilities. If gas production is established, new production facilities will be installed in the southeast corner of the proposed location. All the above-ground production equipment will be painted using one of the approved colors provided by BLM personnel in their concurrence letter.
 - 3. Oil gathering lines. None - only to tank at location of oil production is established.
 - 4. Gas gathering lines. If the well qualifies for hook-up, we will sell the gas to Northwest Pipeline, and hook-up South of this location at an approved tie-in point onto the NWP collection system, pending any necessary right of way. However, no gas production is anticipated.
 - 5. Injection lines. None.
 - 6. Disposal lines. None.

- b. Any new facilities required in the event of production will be located in the southeast corner of the proposed location. See the enclosed sketch of the area showing planned production facilities. All open and exposed pits will be fenced to protect livestock and wildlife, and an earthen fire bunker will be built around ant tanks to hold 110% of the tank volume. Gas lines will be surface laid or buried as BLM designates to the delivery point designated by NWP. Facilities will be constructed within a 90 day period upon completion of the well.
- c. The reserve pit and any portion of the location (includes access road) not needed for production or production facilities will be reclaimed as described in the rehabilitation section. All stockpiled/windrowed topsoil will be used in reclaiming unused areas.

5. Location and Type of Water Supply

- a. Contract water haul by drilling contractor, who has an a private purchase arrangement from Cisco Springs.
- b. Method of transporting water. Water tank truck.
- c. No water well is planned or needed.

6. Source of Construction Materials

It is anticipated that no construction materials will be required to construct the well pad. If construction materials (rock, gravel, sand, etc.) are necessary, they will be purchased through the dirt contractor. Until production is established, the road will be a surface-scraped dirt road from the existing road to the proposed well location. This is flat desert land or a Mancos Shale fromation. Bladed roads that are watered and packed down are the best roads for this area.

7. Method for Handling Waste Disposal

Cutting and drilling fluids will be discharged into the reserve pit. A portable chemical toilet will be on location for sewage. Garbage and waste materials will be placed in a trash cage and hauled out when work is completed.

7. Continued)... Produced fluids (oil and water) will go into tanks and pits respectively. The anchored blowey line will be 125 feet long, centered, and angled down into the reserve pit. The blowey line will be misted while drilling with air. The area will be free of trash and debris when the rig is moved out. If any waste material is to be burned, a burning permit will be obtained from the appropriate authorities.

8. Auxiliary Facilities

None other than a trailer and a dog house. No camp or air strip is required.

9. Well Site Layout

- a. Location will require a six foot cut and fill. See attached diagram. Schematic of 100' x 100' drilling pad enclosed. Disturbed area is 100' x 125' (to accomodate reserve pit). The top 4 inches of soil material will be stockpiled on the southeast side of the location, along the dry wash to act as a barrier between the well location and the wash. See pad schematic.
- b. Mud tank, reserve pit, and trash cage. See well schematic. The reserve/blowey pit will be fenced on 3 sides prior to drilling, and the fourth side will be fenced when drilling is completed. The fence will be 4 strands of barbed wire or 48" woven wire with one strand of barbed wire for support.
- c. See drawing
- d. Pits are to be unlined.

10. Restoration Plans

- a. Immediately upon completion of drilling, the location and surrounding area will be cleared of debris resulting from the operation. All trash will be disposed of in the portable trash cage and will be hauled to a local town dump. No trash will be left.
- b. The operator or his contractor will notify the Grand Resource Area or District BLM Office in Moab, Utah (801-259-8111) 48 hours prior to starting rehabilitation work that involves earthmoving equipment. The Grand Resource Area BLM Office will again be notified upon completion of restoration.

Multipoint Requirements

- c. Prior to any dirtwork restoration of disturbed areas, the reserve/blowey pit will be dry and completely free of any trash or debris. Any such trash or debris will be removed from the pit and public lands.
- d. All disturbed areas to be restored will be recontoured to blend with the surrounding area. The stockpiled topsoil will be evenly distributed over the rehabilitated area. All rehabilitated areas will be scarified on the contour to a depth of 6 inches.
- e. The rehabilitated areas will be seeded from October 15th to March 15th or any other time that the Grand Resource area approves. BLM personnel will supply the appropriate seed mixture in their concurrence letter. The seed mixture will be broadcast or drilled. If the area is broadcast seeded, it will be harrowed or dragged to assure seed cover. Any stockpiled vegetation will then be scattered evenly over the reclaimed area and walked down with a dozer. No reclaiming of the access road will be required.
- f. If the proposed well is completed as a producer, unused areas of the well pad outside the deadmen will be reclaimed as previously described.
- g. After the rig is moved.
- h. If there is oil in the pit, we will remove it and install overhead flagging (if required).
- i. Rehabilitation of the well site area will be completed within 60 days of abandonment with the exception of reseeding following BLM instruction (October 15 to March 15). In the event the well is completed as a dry hole, rehabilitation will take place within 60 days after release of the drilling rig. In the event the well is completed as a commercial producer of oil and/or gas, unused

Page 6
Multipoint Requirements

- i. ...portions of the well pad will be rehabilitated within 60 days of completion. All restoration will be as per BLM instructions.

11. Other Information

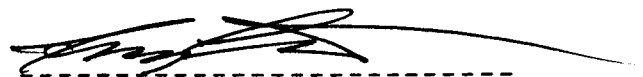
- a. The location is relatively flat and considered part of the western slope of the Colorado Rocky Mountains. Vegetation consists of shadscale, greasewood, rabbitbrush, and various grasses.
- b. The Grand Resource Area office or District office in Moab, Utah (801-259-6111) will be contacted 48 hours prior to commencing any work on public lands.
- c. The operator's dirtwork and drilling contractors will be furnished with an approved surface-use plan and BLM stipulations prior to any work.
- d. If any subsurface cultural material is exposed during construction, work will stop immediately, and the Grand Resource Area Office or District office will be notified. All persons in the area will be informed of possible prosecution if they disturb archaeological sites or remove artifacts.

12. Operator: Parker Energy Technologies Inc.
1787 Ft. Union Blvd, Suite # 108
Salt Lake City, Utah 84121
Attention: Craig Carpenter (801) 942-0592

13. Certification: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drilling site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Parker Energy Technology Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10-11-90

Date



Craig Carpenter
President

BUREAU OF LAND MANAGEMENT
P.O. Box 970
Moab, Utah 84532

RE: Parker 17-5
NTL-6 Supplementary
Information for APD.
9-331-C

Application for Parker Energy Technology Inc., a Utah Corporation, to drill in the SE 1/4 NW 1/4 of Section 5, T.20 S., R.23 E., Grand County, Utah, is set forth on Form 9-331-C. The purpose of this letter is to present the additional information as required by the NTL's regulation.

1. Geologic Name of Surface Formation: Cretaceous Mancos Shale

2. & 3. (as amended)

Geological Formation Tops:

Cretaceous	Mancos Shale	Surface
	Dakota	2375'
Jurassic	Morrison	2540'
	Entrada	3290'
	Total Depth	3350'

4. Casing Program: See Form 9-331-C.

5. Pressure Control Equipment: BOP and manifold will be tested to 2000 psi prior to drilling out shoe joint. Pipe rams will be operational and tested daily. Blind rams will be operational and tested on trips. BOP and manifold on daily tour sheets. See BOP schematic.

6. Drilling and Circulation Medium: Operator plans to drill with air and air mist as far as possible. A water-based drilling fluid will be used in the event formation water is encountered to control or kill oil or gas flows, and when running long string (4 1/2", 10 1/2 lb. casing). It will consist of an invert polymer-type biodegradable mud 8.2 lb. per gallon. Weight and mud to 10 lb. per gallon will be provided if required. Potassium chloride (KCL) D.G. chemical will be added as required.

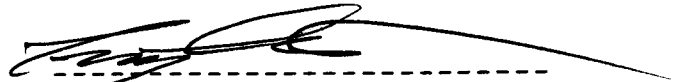
7. Auxiliary Equipment: (1) (as amended) Kelly Cocks Demco (2) Floats at the bit sub and string; and (3) Sub on floor with a full-opening valve. The fill, kill, and choke lines will be attached to the wellhead below the BOP. The following equipment will also be used:

- a. 6000# shut-off valve on stand pipe.
 - b. One float at bit and two string floats.
 - c. Sub 3 1/2 IF to 2" valve for controlling blowouts when making round trips.
8. Testing, Logging, and Coring: (as amended)
Schlumberger . No DST's programmed. Electric logs will consist of dual induction laterlog (DIL), compensated neutron-formation density (CNFD), bond log (CBL) and gamma ray log (GR) will be run. Drilling samples will be taken every 10 feet starting 100 feet above the Dakota Formation. Microscope analysis will be done by a geologist.
9. The maximum bottom hole pressure expected is 10000 psi. Flexibility provisions are the BOP and high-pressure fittings and couplings. No hydrogen sulfide problems are expected.
10. The approximate starting date is November 15, 1990 and drilling should take from 10 to 20 days.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Parker Energy Technology Inc. and it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10-11-90

Date



Craig Carpenter
President

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PARKER ENERGY TECHNOLOGY INC.

1787 Ft. Union Blvd., Suite # 108
Salt Lake City, Utah 84121
801-942-0592

September 17, 1990

Bureau of Land Management
Moab District Office
P.O. Box 970
Moab, Utah 84532

Dear Sirs,

Parker Energy Technology, is requesting permission to stake the following wells on our lease # U-14654:

Township 20 South, Range 23 East

Section 5:

SE1/4SW1/4, 16-5 well, 900' FSL, 1520' FWL
(previously staked and permitted

NW1/4SW1/4, 17-5 well, 1520' FSL, 1120' FWL.

Greater Cisco (Springs), Grand County, Utah.

Please find an enclosed plat map indicating the lease boundaries of this lease. Udell Williams of Grand Junction, will be on location next week to survey. Please expedite if possible. Thank you in advance for your cooperation.

PARKER ENERGY TECHNOLOGY INC.

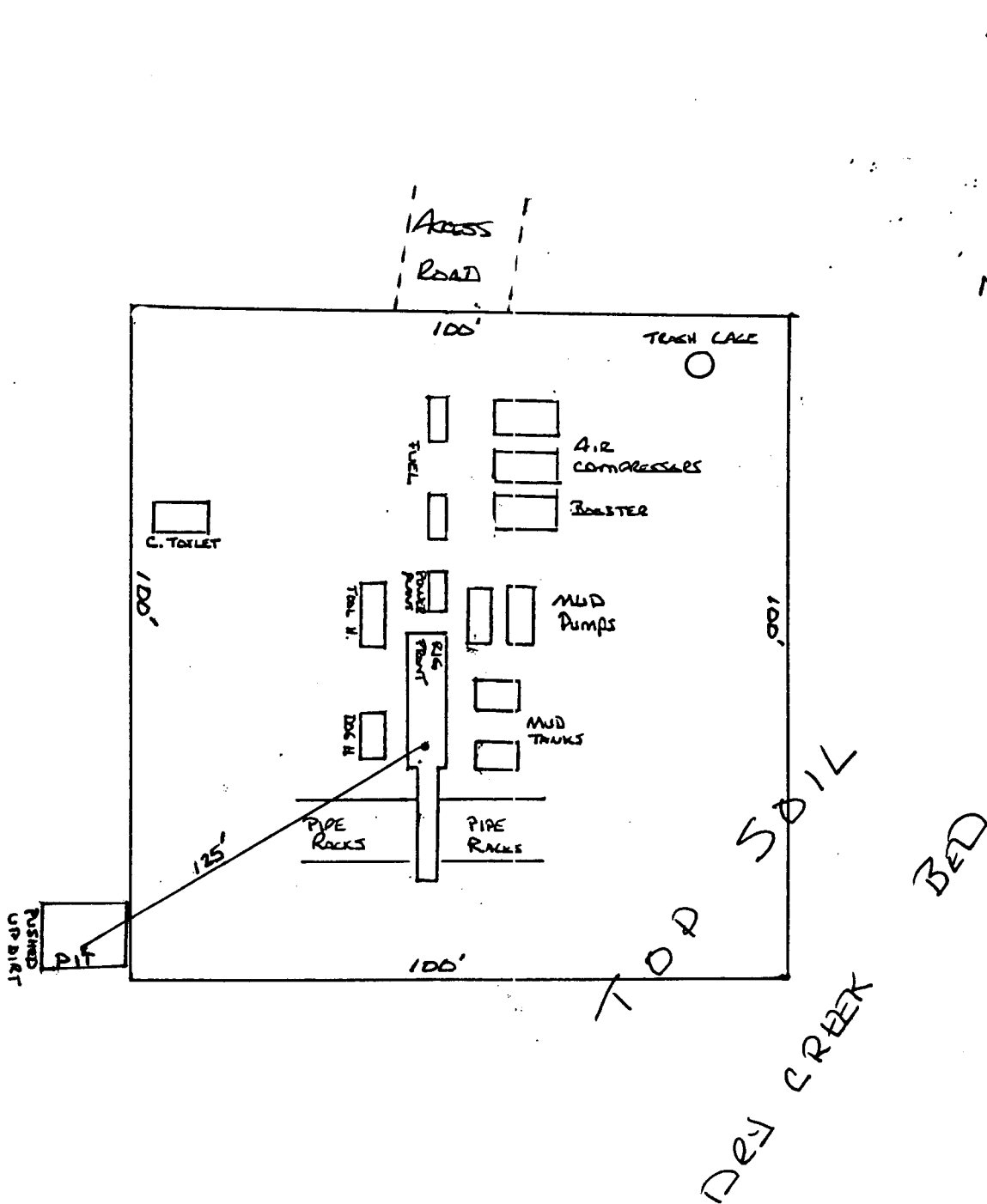
Kerry M. Miller
Consultant

KMM/lac

encls.

WELL PAD SCHEMATIC

PARKER E.T.I. # 17-5

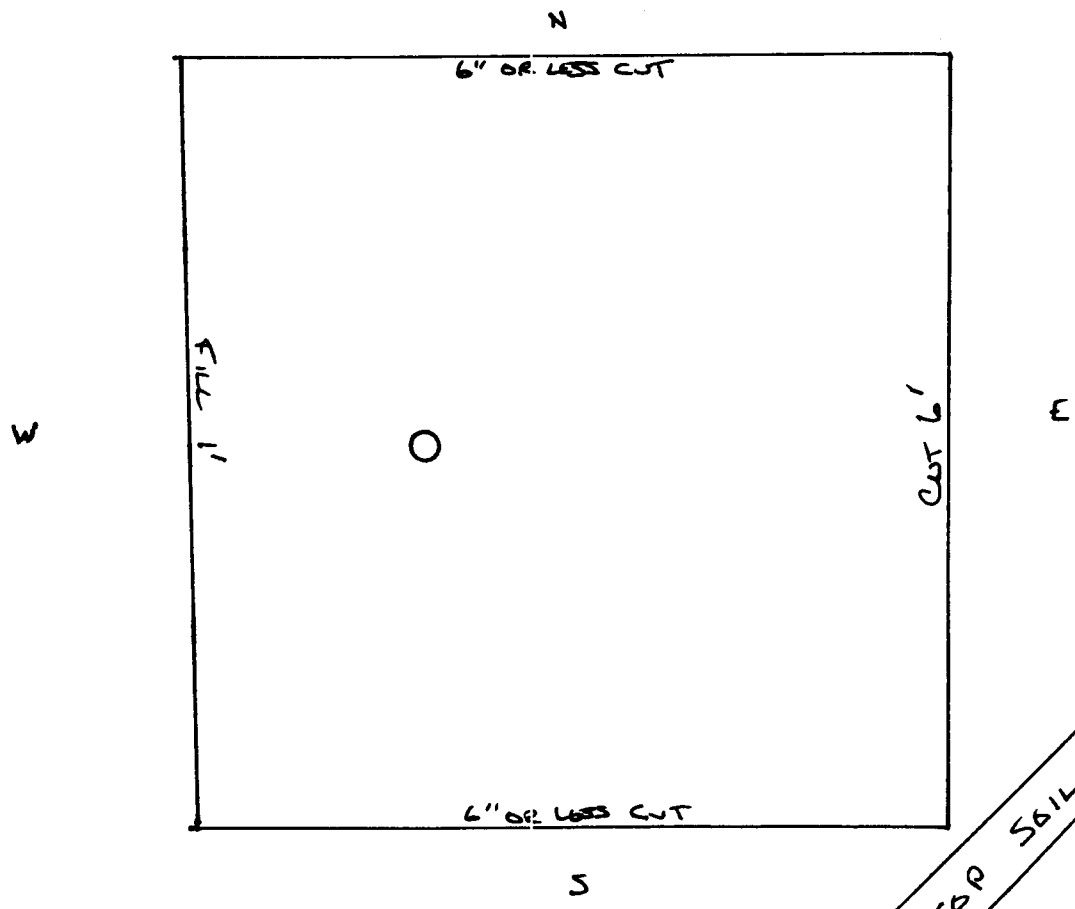
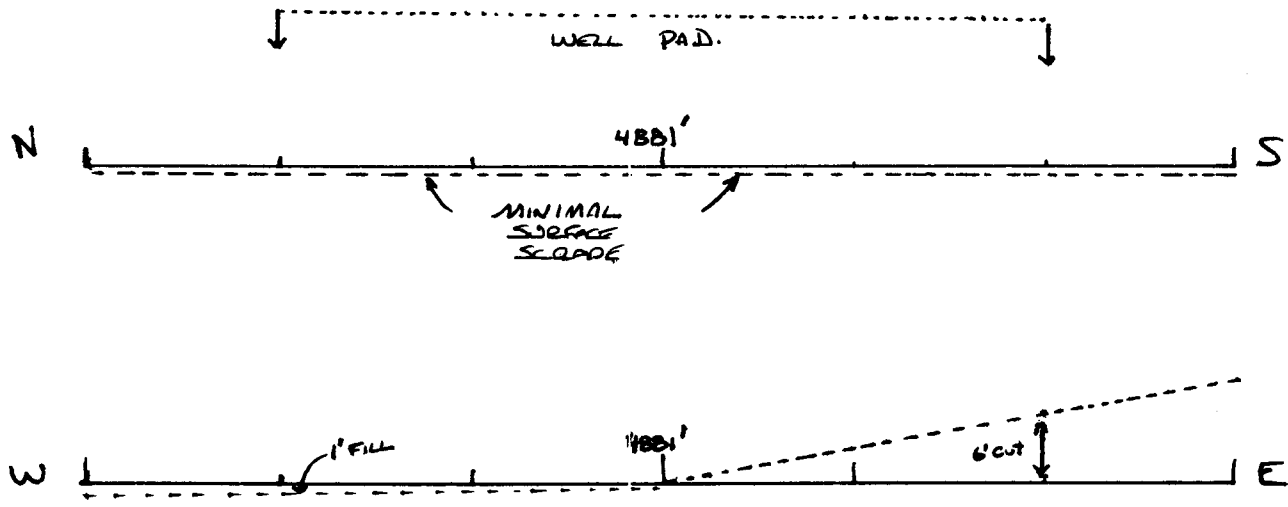


HORIZONTAL SCALE 1" = 25'
VERTICAL SCALE 1" = 16'

CUT AND FILL DIAGRAM

PARKER E.T.I. # 17-5

WELL PAD DIMENSIONS 100' X 100'



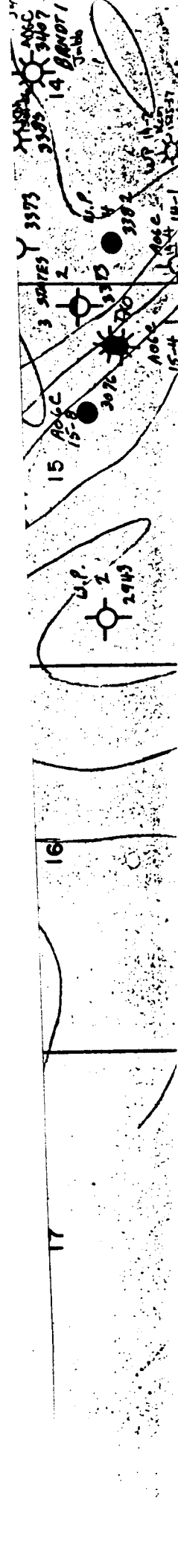
TOP SOIL
DEE CREEK BED

PIT IS
3' x 4' x
4' DEEP

▲ 電 報 處 長

55

SCALE 1" = 40'



ROTATING OR
HEAD

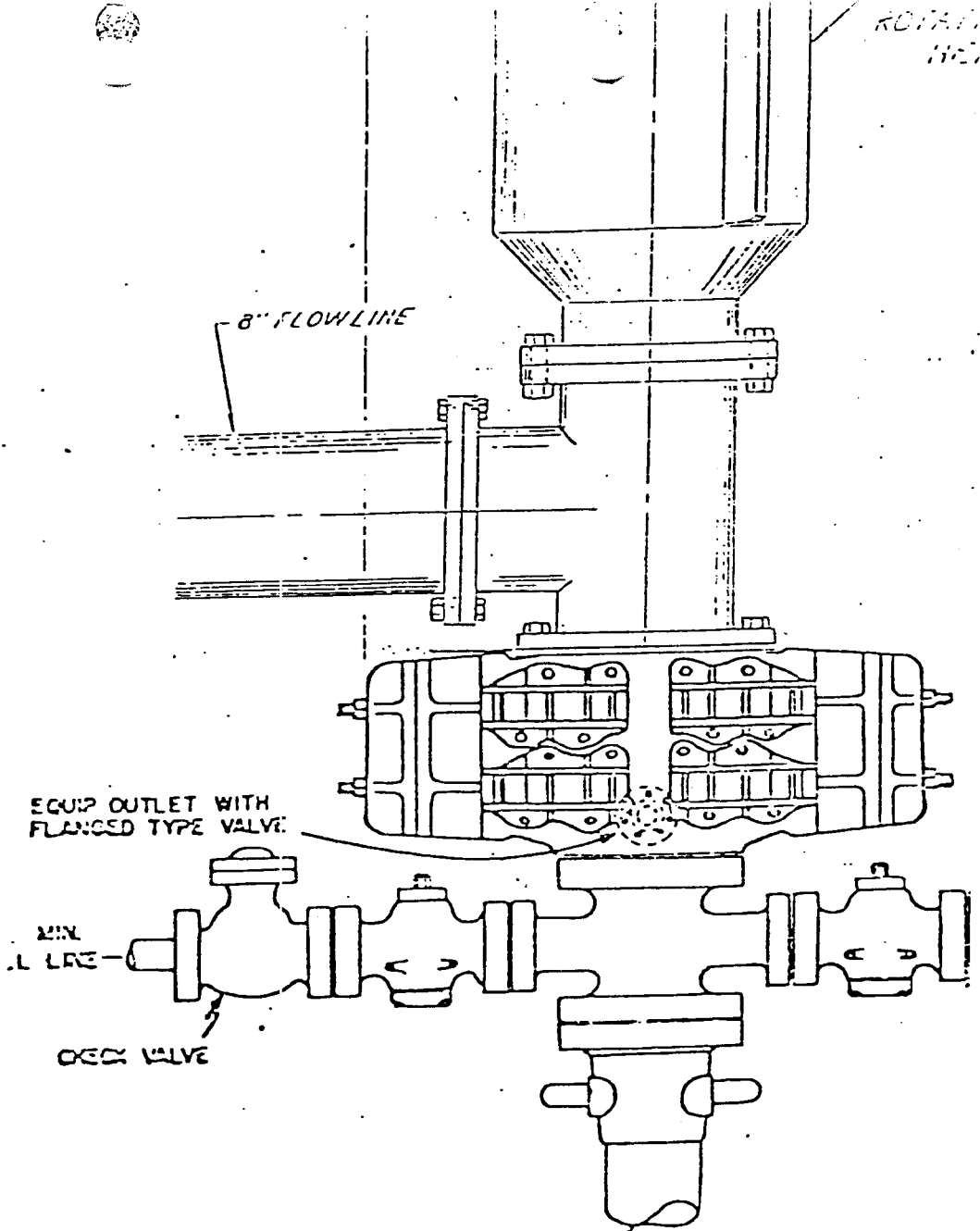
8" FLOWLINE

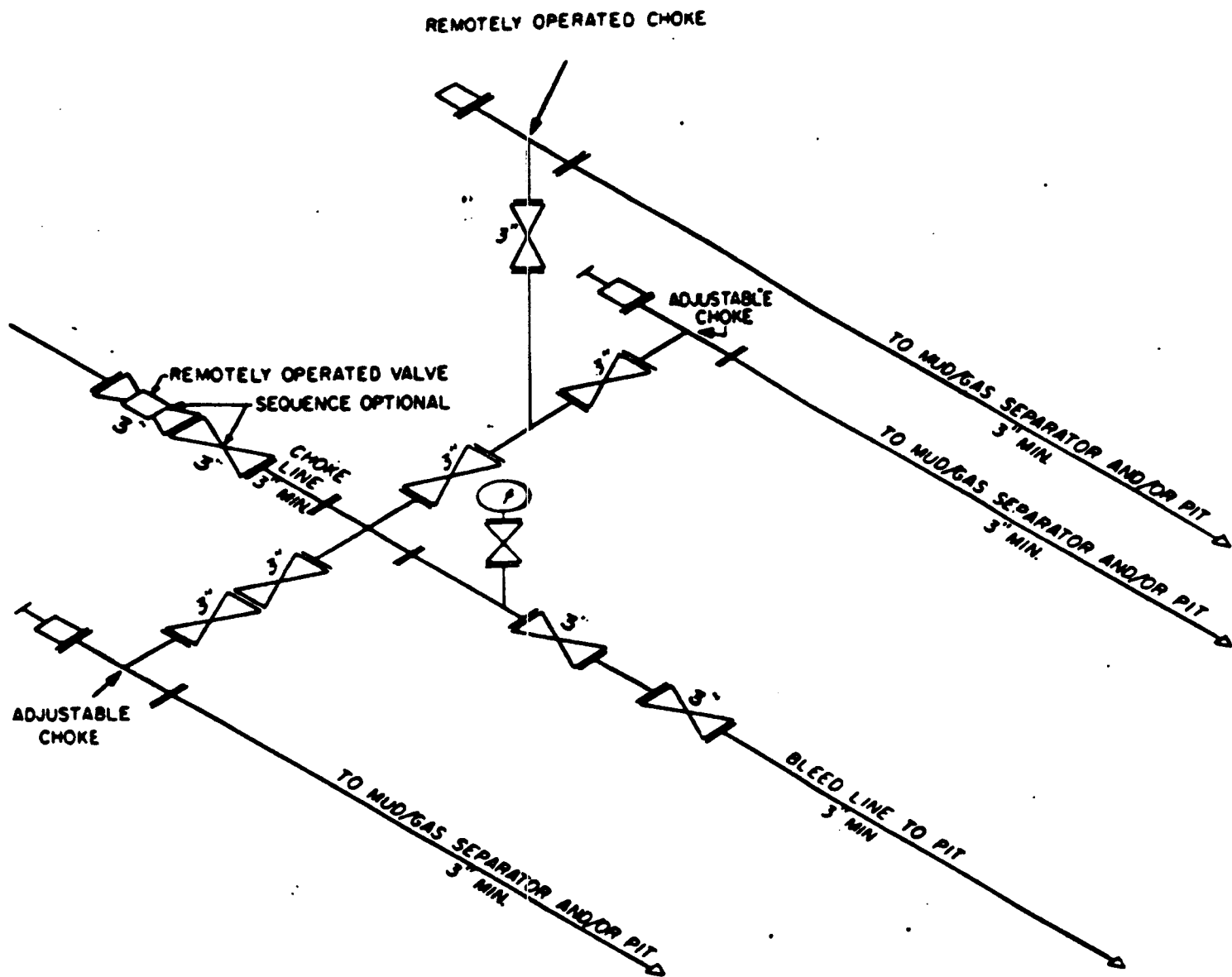
EQUIP OUTLET WITH
FLANGED TYPE VALVE

MIN
L LINE

DECK VALVE

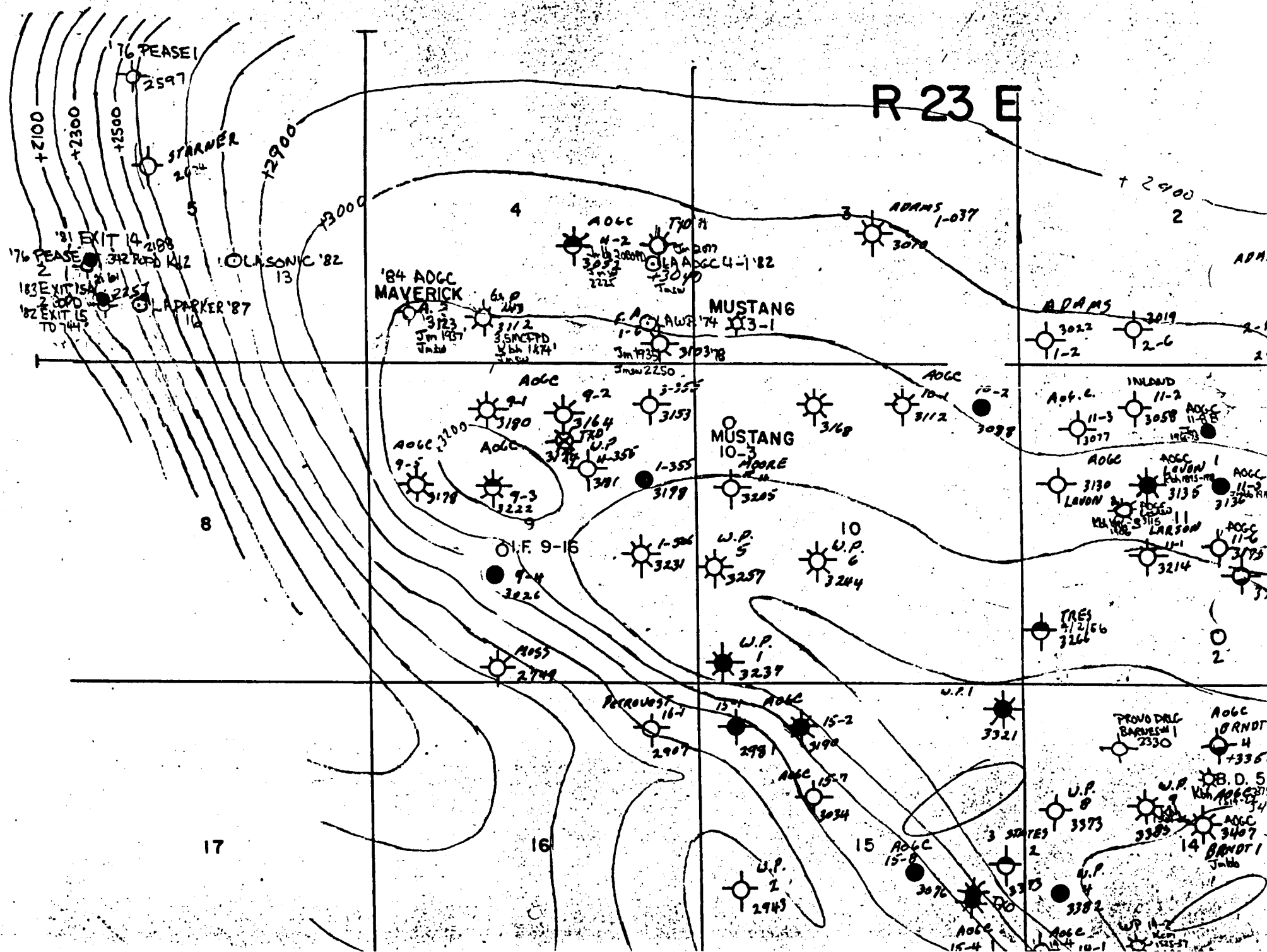
SURFACE OR
INTERMEDIATE STRONG



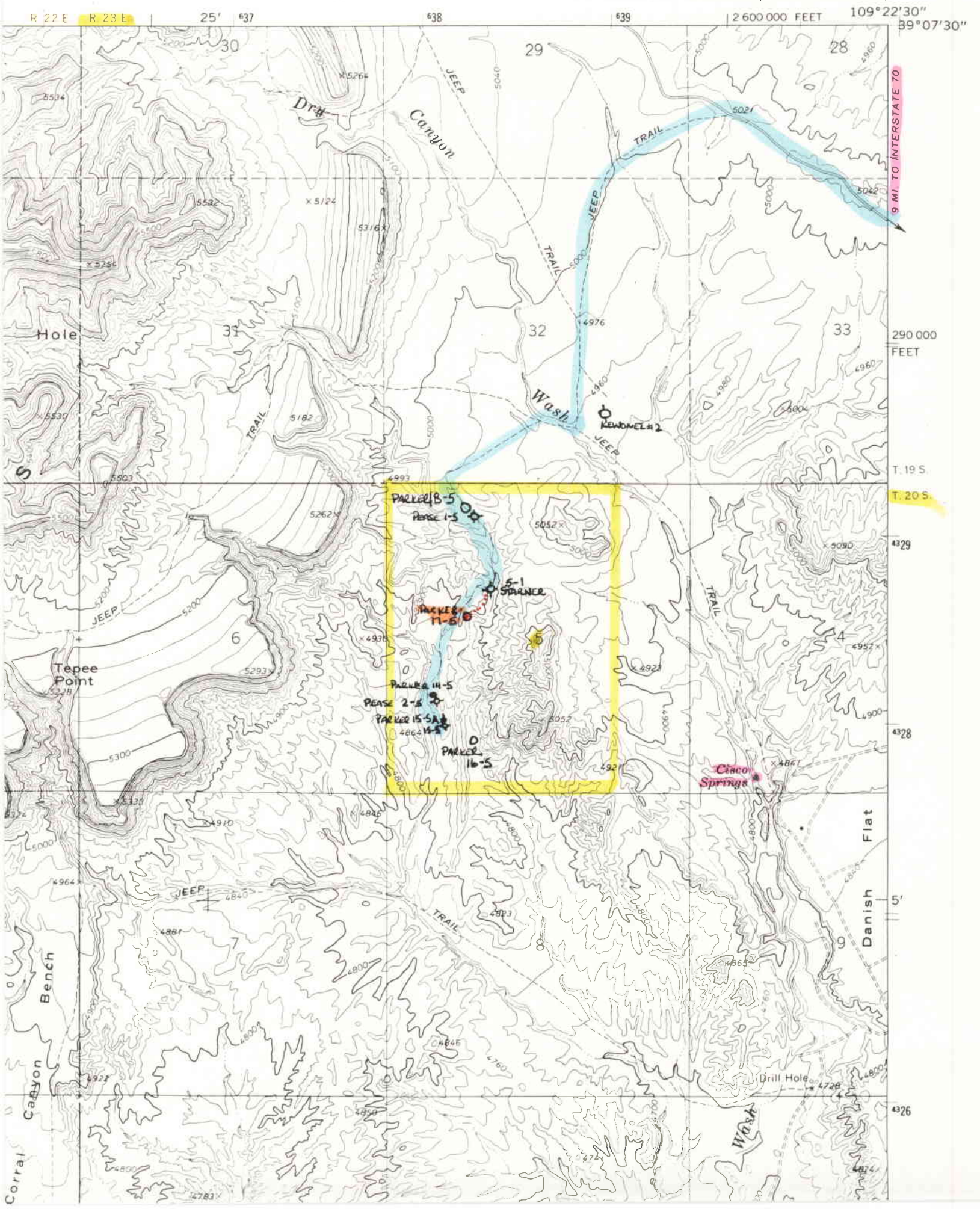


10M AND 15M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY

Page Omitted by FR
 Order No. 2 Drilling operations
 Published FR Nov. 10, 1989



1-14654

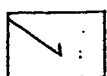


OPERATOR Parker Energy Services Inc DATE 10-17-90
WELL NAME Parker 17-5
SEC SE 1/4 5 T 00S R 03E COUNTY Grand

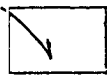
43-019-31308
API NUMBER

Individual (1)
TYPE OF LEASE

CHECK OFF:



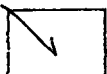
PLAT.



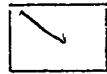
BOND



NEAREST
WELL



LEASE



FIELD
SLBM



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Water Permit

APPROVAL LETTER:

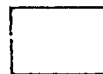
SPACING:



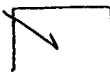
R615-2-3

N A

UNIT



R615-3-2



100-16B

11-15-79

CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

1- Needs water permit

2- Approval of this application is applicable to the Dakota, Morrison and Cedar Mountain Formations under the terms and conditions of Cause No. 102-16B. If a completion is contemplated in the Entrada Formation, prior approval from the Division will be necessary.



PARKER ENERGY TECHNOLOGY, INC.

October 21, 1990

Mr. Ron J. Firth
Assistant Director
Division Oil, Gas & Mining
355 W. No. Temple, #350
S.L.C., UT 84180-1204

Re: Spacing exception, Parker Energy 17-5, 18-5, T.20S., R.23E.
Cisco Springs, Grand County, Utah.

SECTION 5

Dear Mr. Firth:

As per your telephone conversation today with Kerry Miller, with regards to a spacing exception (less than 200 feet from a legal sub-division, i.e. 1/4, 1/4 line) for the above noted wells, we are requesting for approval for an exception to this spacing rule requirement. These locations were chosen due to the topographic limitations of this area of the lease. After an "on-sight" visitation with Mr. Miller and Verl Rose for Parker Energy, and Jeff Robbins of the Grand Resource Area (BLM), it was decided too much surface disturbance would be required to drill in any other locations within these quarter, quarters. It should also be noted that all this development is "on lease" and well within the 500 foot lease boundary requirement (Parker Energy owns the W1/2, and the W1/2 E1/2, of section 5, same lease).

Parker Energy is looking to expedite the drilling of these locations, therefore any consideration you may render would be appreciated.

Sincerely,

Craig Carpenter
President

CC/jk

cc: Mr. Jeff Robbins, Grand Resource Area
Mr. Kerry Miller

RECEIVED
OCT 24 1990

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)
BOND #

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UT.-0229
Ins.Co.# 8630229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. NAME OF OPERATOR

PARKER ENERGY TECHNOLOGY INC.

3. ADDRESS OF OPERATOR

1787 East Ft. Union Blvd. Suite # 108, Salt Lake City, Utah 84121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 1403' FWL, 2324' FNL

SE 1/4 NW 1/4

At proposed prod. zone

same

43-019-31308

Dril

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 Miles North of Cisco, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1403'

16. NO. OF ACRES IN LEASE

489.26 acres

17. NO. OF ACRES ASSIGNED

TO THIS WELL 10 acres

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1500'

19. PROPOSED DEPTH

3350'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4881' GR

22. APPROX. DATE WORK WILL START*

Nov. 15, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24 #	160'	100 sxs. cement to surface
6 3/4"	4 1/2"	10.5 #	3350'	250 sxs.

Re-
10/24/90
Permit
10/11/90

OIL AND GAS	
DFN	RJF
JPB	GLH
DIS	SLS
1- MICROFILM ✓	
2- FILE	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface conditions and proposed well trajectory. Give blowout preventer program, if any.

24.

SIGNED

TITLE

President

DATE

10/10/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Assistant District Manager

APPROVED BY

William C. Strina

TITLE

for Minerals

DATE

OCT 29 1990

CONDITIONS OF APPROVAL, IF ANY:

FLARING OR VENTING OF
GAS IS SUBJECT TO NL 4-A

CONDITIONS OF APPROVAL ATTACHED

11/1/80

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)
BOND #

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UT.-0229

Ins.Co.# 8630229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. NAME OF OPERATOR

PARKER ENERGY TECHNOLOGY INC.

3. ADDRESS OF OPERATOR

1787 East Ft. Union Blvd. Suite # 108, Salt Lake City, Utah 84121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 1403' FWL, 2324' FNL,

SE 1/4 NW 1/4

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 Miles North of Cisco, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1403'

16. NO. OF ACRES IN LEASE

489.26 acres

17. NO. OF ACRES ASSIGNED
TO THIS WELL

10 acres

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1500'

19. PROPOSED DEPTH

3350'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4881' GR

22. APPROX. DATE WORK WILL START*

Nov. 15, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24 #	160'	100 sxs. cement to surface
6 3/4"	4 1/2"	10.5 #	3350'	250 sxs.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

President

DATE 10/10/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Assistant District Manager

APPROVED BY

William C. Strina

TITLE

for Minerals

DATE

OCT 29 1990

CONDITIONS OF APPROVAL, IF ANY:

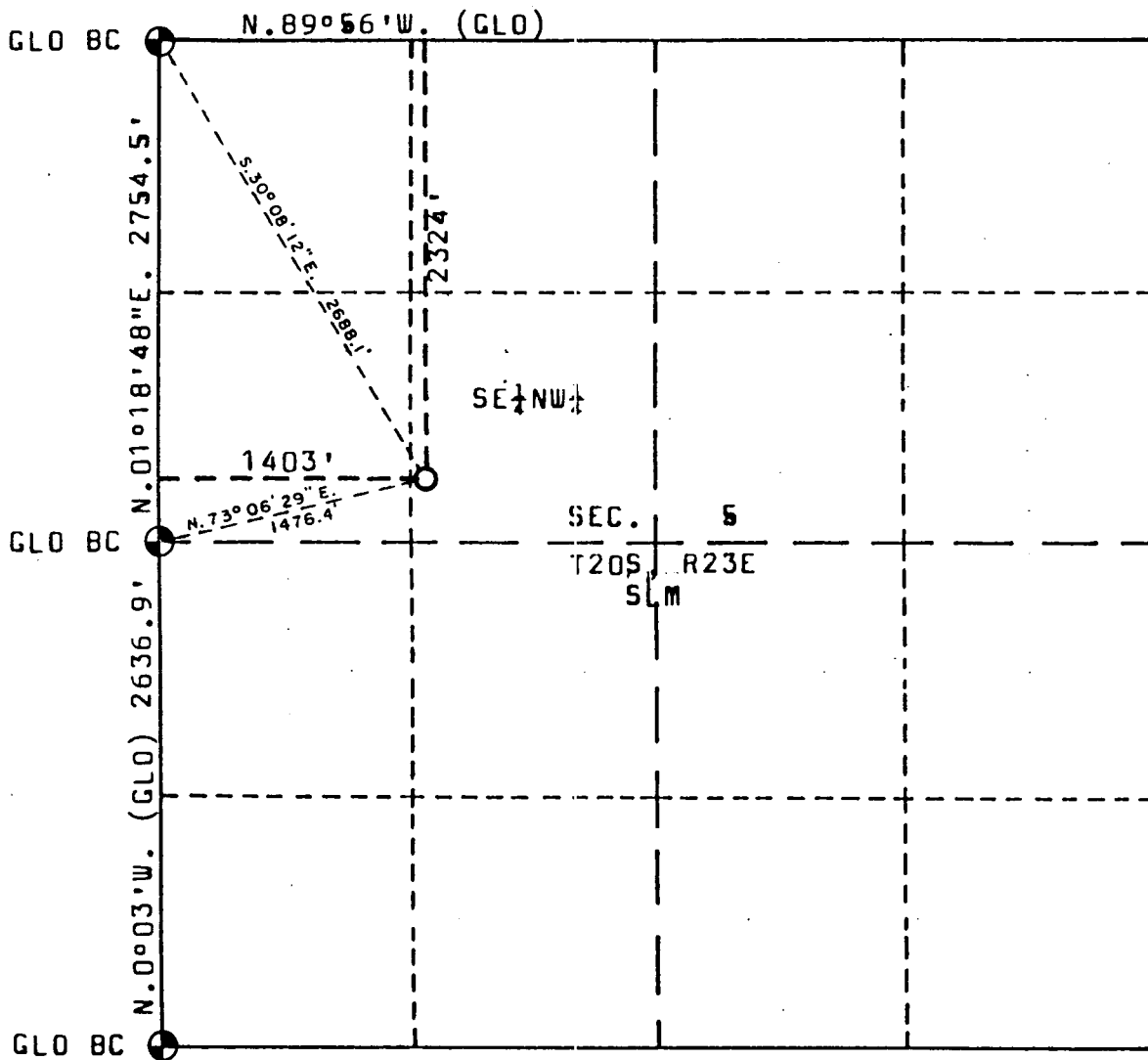
FLARING OR VENTING OF
GAS IS SUBJECT TO NR 4-A

CONDITIONS OF APPROVAL ATTACHED

1/1/80

*See Instructions On Reverse Side

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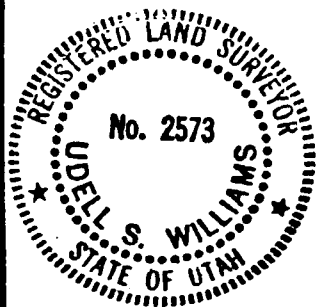
SCALE: 1" = 1000'

PARKER 17-5

Located 2324 feet from the North line and 1403 feet from the West line of Section 5, T20S, R23E, SLM.

Elev. 4881

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
Utah RLS No. 2573



UDELL S. WILLIAMS
Professional Land Surveyor
751 Rood Avenue (303) 243-4594
Grand Junction, Colorado 81501

PLAT OF
PROPOSED LOCATION
PARKER 17-5
SE 1/4 NW 1/4 SECTION 5
T20S, R23E, SLM

SURVEYED BY: USW DATE: 9/25/90

DRAWN BY: USW DATE: 9/27/90

Parker Energy Technology Inc.
Well No. Exit/Parker ETI 17-5
SENE Sec. 5, T. 20 S., R. 23 E.
Grand County, Utah
Lease U-14654

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Parker Energy Technology Inc., is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0229 (Principal - Western Gold N Gas Company; CoPrincipal - Parker Energy Technology Inc) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

A. DRILLING PROGRAM

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Order 1, Onshore Oil and Gas Order No. 2 and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to the field representative to insure compliance.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased, and cemented.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Assistant District Manager.

Surface Use Conditions of Approval

for

Parker wells: 16-5, 17-5 & 18-5

*** These stipulations are derived thru the NEPA process and field onsite.

1. Drilling and road building activities will be curtailed between May 15 - June 30 in order to protect antelope's tawning.
2. Utilize existing roads and trails .
3. 100 x 135 foot area of disturbance is approved for drilling use and production facilities. If a larger area is needed, a Sundry Notice (form 3160-5) must be submitted.
4. Production facilities will be painted either slate gray or desert brown.
5. Reclamation can be performed between August and March 30th when there is no frost in the ground.

Standard Surface Use

Stipulations

1. Produced waste water will be confined to a (lined/unlined) pit for a period not to exceed ninety (90) days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to NTL-2B.
2. If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the largest battery.
3. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed. Refer to Onshore Order # 3 for additional I & E guidance.

C. Anticipated Starting Dates and Notifications of Operations:

Required verbal notifications are summarized in Table 1, attached. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

Should the well be successfully completed for production, the Assistant District Manager, Minerals Division will be notified when the well is placed in producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

If a replacement rig is needed for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed for prior approval from the District Office, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved through the District Office.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Assistant District Manager, Minerals Division within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6.

The following minimum information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:

"Fed" or "Ind", as applicable. "Well number, location by 1/4 1/4 section, township and range". "Lease number".

TWELVE-POINT SURFACE USE PLAN OF OPERATIONS

1. Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

2. Location of Tank Batteries and Production Facilities:

If a tank battery is constructed on this lease, it will be surrounded by a dike to sufficient capacity to contain 1-1/2 times the storage capacity of the largest tank in the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7-4 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the Assistant District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the well head to the meter and downstream for the remainder of the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards and Onshore Order No. 4 for liquid hydrocarbons and the AGA standard and Onshore Order No. 5, 43 CFR 3160 for natural gas measurement.

Three sides of the reserve pit will be fenced with barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

Produced waste water will be confined to a unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the Assistant District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

The dirt contractor will be provided with an approved copy of the surface use plan of operations.

This permit will be valid for a period of one (1) year from, the date of approval. After permit termination, a new application will be filed for approval for any future operations.

NOTIFICATIONS

Notify Jeff Robbins of the Grand Resource Area, at
(801) 259-8193 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

1 day prior to running and cementing surface casing;

1 day prior to pressure testing of surface casing.

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the Assistant District Manager, Minerals Division.

In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed.

Dale Manchester, Petroleum Engineer	Office Phone: (801) 259-6111
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Home Phone: (801) 259-6239

Eric Jones, Petroleum Engineer	Office Phone: (801) 259-6111
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Home Phone: (801) 259-2214

If unable to reach the above individuals including weekends, holidays, or after hours please call the following:

Lynn Jackson,	Office Phone: (801) 259-6111
---------------	------------------------------

Chief, Branch of Fluid Minerals	
---------------------------------	--

Home Phone: (801) 259-7990

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS



Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

November 5, 1990

Parker Energy Technology, Inc.
1787 East Ft. Union Blvd. Suite 108
Salt Lake City, Utah 84121

Gentlemen:

Re: Exit/Parker ETI 17-5 - SE NW Sec. 5, T. 20S, R. 23E - Grand County, Utah
2324' FNL, 1403' FWL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 102-16B dated November 15, 1979 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Approval of this application is applicable to the Dakota, Morrison and Cedar Mountain Formations under the terms and conditions of Cause No. 102-16B. If a completion is contemplated in the Entrada Formation, prior approval from the Division will be necessary.

In addition, the following actions are necessary to fully comply with this approval:

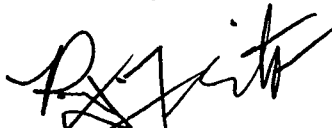
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.

Page 2
Parker Energy Technology, Inc.
Exit Parker ETI 17-5
November 5, 1990

4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31308.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
we14/1-4

RECEIVED

DEC 19 1991

Moab District
P. O. Box 970
Moab, Utah 84532

3162 (U-065)
(U-14654)

DIVISION OF
OIL GAS & MINING

DEC 17 1991

Parker Energy Technology, Inc.
1787 East Ft. Union Blvd., Suite 108
Salt Lake City, Utah 84121

Re: Application for Permit to Drill
Well No. Exit/Parker ETI 17-5 43-019-31308
SE1/4 Sec. 5, T. 20 S., R. 23 E.
Grand County, Utah
Lease U-14654

Gentlemen:

The Application for Permit to Drill the referenced well was approved on October 29, 1990. Since that date, no known activity has transpired at the approved location.

Applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely yours,

/S/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

Enclosure:
Application for Permit to Drill

cc: Grand Resource Area (w/o encl.)
State of Utah, Division of Oil, Gas and Mining (w/o encl.) ✓

VButts:vb:12/16/91



Norman H. Bangert

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

December 30, 1991

Parker Energy Technology, Inc.
1787 East Fort Union Blvd., Suite 108
Salt Lake City, Utah 84121

Gentlemen:

Re: Well No. Exit/Parker ETI 17-5, Sec. 5, T. 20S, R. 23E, Grand County, Utah,
API No. 43-019-31308

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley
Administrative Supervisor
Oil and Gas

DME/lde

cc: R.J. Firth
Bureau of Land Management - Moab
Well file

WOI196